

Chairman Describes Legislative Work of
Antipollution Commission, 5 pp.
IZVESTIYA, Moscow, 1 Feb 74, p 3.
JPRS 61375

Apr 74

RUSSIAN

JPRS-61768
HPP

CSO: 8344/1705
18 Mar 74

Laser - 1974, by N. Basov, & O. Krokhin.

Moscow, Izvestiya, 12 February 1974.

Please publish

POGOSOV. C.
//IZVESTIYA//
17/02/1974, V----, N0041
Daku an experiment is going on into the depths
of the earth 2 pp
pp 4 AIR/FTD/HT-23-2103-74##

VASILYEV, M.
//IZVESTIYA//

21/02/1974, V----, N----

Soyuz 13: The stars, The earth and weightlessness. 5 pp

p 5, NASA TT F-15457@@

Sedunov, Yu.

The Horizons of Science -- Weather at Choice.
5 pp

IZVESTIYA, Moscow, 23 Feb 1974, p 5.
JPRS 61850

Ivakhnov, A.

Methorological Center Director Comments on Weather
Changes.

5 pp

IZVESTIYA, Moscow, 12 Mar 1974, p 5.

JPRS 61795

Kulikov, V.

Violations of Labor Discipline.

5 pp

IZVESTIYA, Moscow, 17 Mar 1974, p 3.

JPRS 61751

Kononov, B.

Mars in the eyes of Geologists /Dpp.
IZVESTIYA, 20 Mar 1974, pp. 5, cols 1-4
WASA TT P 15,577

DAVITAYA, S.
//IZVESTIYA//
21/03/1974,V----,N00067, pp 0002
Medical Supply Situation in Georgia Criticized.
5 pp
JPRS 63615
#

MOROZ, V.
//IZV.//
28/03/1974, V-----, N-----,
Portrait of the Planet Mars, 8 pp.
Col. 1-3, NASA-TT-F-1557000

June Weather Forecasts.

5 pp

IZVESTIYA, Moscow, 28 Mar 1974, p 6.

JPRS 62242

Koptsov, A.

Stavropol'skiy Kray Prepares for Sowing.

5 pp

IZVESTIYA, Moscow, 31 Mar 1974, pp 1-3.

JPRS 61990

Dergachev, A.

Report on Work on Kirgizian Ministry of Consumer
Services.

6 pp

IZVESTIYA, Moscow, 9 Apr 74, p 3.

JPRS 62534

Blinov, V.

RSFSR Jurist Urges Law Education for Public.
5 pp

IZVESTIYA, Moscow, 11 Apr 74, p 4.
JPRS 62420

Podol'skiy, Ye.

Animal Husbandry Industrialized in Tambovskaya
Oblast.

5 pp

IZVESTIYA, Moscow, 12 Apr 1974, p 3.

JPRS 61934

Kashaganov, Ye.

Development of Kazakh Sheep Raising Discussed.
5 pp

IZVESTIYA, Moscow, 16 Apr 1974, p 3.
JPRS 61988

Ivashchenko, Anatoiliy

Disadvantages of Flowing Enumerated.

14 pp

IZVESTIYA, Moscow, 5, 7 May 1974.

JPRS 62146

Dimov, G.

Siberia Needs Central Asian Produce.

9 pp

IZVESTIYA, Moscow, 15 May 1974, p 3, 17 May 74, p 3.

JPRS 62346

Khoroshilov, I.

Measures for Protecting Soil.

5 pp

IZVESTIYA, Moscow, 18 May 1974, p 2.

JPRS 62267

Davitaya, S.

Concern for the Consumer in Georgia.

5 pp

IZVESTIYA, Moscow, 22 May 74, p 3.

JPRS 62565

Kandrenkov, A.

Agricultural Improvements Required in Kaluzhskaya
Oblast.

5 pp

IZVESTIYA, Moscow, 26 May 74, p 1.

JPRS 62396

Shinkarev, L.

Baykal-Amur Railroad Line Under Construction.

7 pp

IZVESTIYA, Moscow, 2 June 74, pp 1, 4.

JPRS 62316

Burenkov, M.

Administrative Problems in Ukrainian Light Industry.

5 pp

IZVESTIYA, Moscow, No 128, 4 June 74, p 2.

JPRS 62460

Malyarov, M.

Prosecutor Blames Officials For Economic Losses.

5 pp

IZVESTIYA, Moscow, 11 Jun 74, p 5.

JPRS 62895

Research Projects Accepted For Lenin and State
Prize Competition.

17 pp

IZVESTIYA, Moscow, 16 Jun 74, p 4.

JPRS 62784

Davitaya, S.

Abuses Aired in Housing Conditions.

5 pp

IZVESTIYA, Moscow, 26 Jun 74, p 3.

JPRS 62895

Pavlov, O.

Rights, Responsibilities of Agricultural Management in Estonia.

11 pp

IZVESTIYA, Moscow, 29 June 74, p 4.

JPRS 62644

SHCHERBINA, G.

//IZVESTIYA//

25/07/1974, V----, N----

Miasa housing construction enterprise beset with
operational failures, 2 pp.

p 2, JPRS62996##

Ivanshchenko, A.

Preservation of Plant Resources on Reserves.

6 pp

IZVESTIYA, Moscow, 25 Jul 74, p 5.

JPRS 62808

Burenkov, M.

Consumer Goods Production in Kazakhstan Heavy
Industry.

6 pp

IZVESTIYA, Moscow, 1 Aug 74, p 2.

JPRS 62827

Burenkov, M.

Craftsmen in the Realm of Machinery.

6 pp

IZVESTIYA, Moscow, 2 Aug '74, p 2.

JPRS 62950

Klauson, V.

Cooperation, Total Approach Needed to Cut Losses.

6 pp

IZVESTIYA, Moscow, 6 Aug 74, p 2.

JPRS 62949

Executives Receive Training in Latest Management
Techniques.

12 pp

IZVESTIYA, Moscow, 9 Aug 74, p 3.

JPRS 62913

Koptsov, A.

Grain Harvesting Stepped Up in Volgogradskaya Oblast.

5 pp

IZVESTIYA, Moscow, 16 Aug 78, pp 1-3.

JPRS 62985

Sugar Beet Harvest Preparations.

5 pp

IZVESTIYA, Moscow, 17 Aug 74, p 1.

JPRS 63113

Haying Problems in Smolenskaya Oblast.

3 pp

IZVESTIYA, Moscow, 20 Aug 74, p 1.

JPRS 63059

Strautmanis, P.

Land Utilization in Latvia.

4 pp

IZVESTIYA, Moscow, 20 Aug 74, p 2.

JPRS 63059

Popov, S.

Development of Agricultural Complexes in Tul'skaya
Oblast.

5 pp

IZVESTIYA, Moscow, 24 Aug 74, p 2.

JPRS 63059

RUSSIAN *complete advance copy*
2pp CSO: 8344/0629
3pp 3 October 1974

Steps toward the Marshal's Baton by G.
Shcherbina

Moscow, Izvestiya, 5 September 1974 No. 208,
(17746) page 5 col. 8.

Please publish in U/MIL Seires.

Please forward advance copy.

Koptsov, A.

Peremyshl' Association for Floodplain Improvement
Set Up.

5 pp

IZVESTIYA, Moscow, 19 Oct 74, pp 1-2.

JPRS 63504

KOPTSOV, A.

//IZVESTIYA//

28/11/1974,V----,N----, pp 0004

Shortage of Machine Operators in Rural Areas

Deplored 6 pp

JPRS 63791

#

STRUYEV, A.

//IZVESTIYA//

03/12/1974,V----,N----, pp 0002

Minister of Trade Discusses Wholesale, Retail
Problems 6 pp

JPRS 63721

#

KOPTSOV, A.

//IZVESTIYA//

06/12/1974,V----,N----, p 0003

Lessons Gleaned From Recent Grain Harvest 5 pp

JPRS 63755

#

REC
Uncl (SLA--73-192) Statistical theory of metal
crystallization. Kolmogorov, A.N. Translated from
Izv. Akad. Nauk SSSR; 355-359(1937). 9p. Dep. NTIS.

11F metallurgy; translations
MN-25 P NSA

Klimova, V.A.

Simultaneous Determination of Carbon, Hydrogen
Sulfur and Halogens.

IZVESTIA AKADEMII NAUK SSSR, pp. 2248-2250,
1959.

*NTIS TT 73-58030

may 73

SHUL'MAN. Z. P
//IZVESTIYA AKADEMII NAUK BSSR, //
--/--/1971, V----, N----,
Derivation of equations for the boundary layer of
a nonlinear visco-plastic medium, 10 pp
pp 87-95, FSTC-HT-23-2283-72@@

Khantulev, A. A.

Soil Resources of Northwest Region Analyzed.
12 pp

IZVESTIYA AKADEMII NAUK SSSR, Moscow, No 4,
1973, pp 43-51.
JPRS 61027

Sazykin, N. S.

New Book Analyzes Economic Problems of Volga Region.

5 pp

IZVESTIYA AKADEMII NAUL SSSR, Moscow, No 3, 1974,

pp 141-143.

JPRS 62748

GONCHAROV, V.A.
//IZV. AKADEMII NAUK SSSR//
--/--/1974, V0010, N0002, pp 0145-0148,
Some Peculiarities of Corona Discharge in
Liquid Helium, 12 pp
AEC/BNL/TR-518-74

##

SUSLOV, I. F.

//IZVESTIYA AKADEMII NAUK SSSR//
--/09/1974,V----,N0005, pp 0049-0056

also Oct 1974

Scientific-Technical Improvements in Agriculture
11 pp

JPRS 63760

#

INSAYEV, K. A.

//IZVESTIYA AKADEMII NAUK AZERBAIDZHANSKOY
SSR, SERIYA BIOLOGICHESKIYE NAUKI//

--/--/1974, N0001, pp 0013-0017

The Role of the USSR Academy of Sciences in
the Development of Zoological Research in the
Azerbaijani SSR 6 pp

JPRS 63689

"

MUSTAFAYEV, I. D.
//IZVESTIYA AKADEMII NAUK AZERBAIDZHANSKOY
SSR, SERIYA BIOLOGICHESKIY NAUK//
---/1974, 7-----N0001, pp 0018-0023
Development of Research in Genetic Selection
in Azerbaijan and the Role of Scientists of
the USSR Academy of Sciences 9 pp
JPRS 63689
"

GASANOV, S. G.

//IZVESTIYA AKADEMII NAUK AZERBAIDZHANSKOY
SSR, SERIYA BIOLOGICHESKIYE NAUK//

--/--/1974, "----, N0001, pp 0027-0029

The Role of Scientists of the USSR Academy
of Sciences in the Development of
Physiological Research in Azerbaydzhan 3 pp

JPRS 63689

"

MENTEYEV, N. A.
//ITVESTIYA AKADEMII NAUK AZERBAJDZHANSKOY
SERIYA BIOLOGICHESKIY NAUK//
---/1974,N----,N0001, pp 0030-0032
The Role of Scientists of the USSR Academy
of Sciences in the Development of
Microbiology in Azerbaydzhani 3 pp
JPRS 63689
"

VAN'YAN L. L.
//IZVESTIYA AKADEMIYA NAUK SSSR, EARTH PHYSICS/
--/--/1973, V----, N0011,
The apparent electrical resistivity on the moon
and its interpretation,
pp 3-12AGU@@

TOLKUNOVA, T. L.

//IZVESTIYA AKADEMIYA NAUK SSSR, EARTH PHYSICS,/
--/--/1973, V----,N0011,

The present motion of the earth's crust and its
relation to the motion of the lower boundary
of the asthenosphere,
pp 13-26, AGU@@

KATS, S. A.
//IZVESTIYA AKADEMIYA NAUK SSSR, EARTH PHYSICS//
--/--/1973, V----,N0011,
Minimax interference systems for the suppression
of wave interference with a curved front,
pp 34-42, AGU@@

KAUFMAN, A. A.
//IZVESTIYA AKADEMIYA NAUK SSSR, EARTH PHYSICS//
--/--/1973, V----, N0011,
Exploration methods based on monstationary
electromagnetic fields in the near zone,
pp 43-53, AGU@@

KRYLOV, A. L.
//IZVESTIYA AKADEMIYA NAUK SSSR, EARTH PHYSICS//
--/--/1973, V----,N0011,
A two dimensional model of the magnetosphere
with a current sheet,
pp 54-61, AGU@@

VEKUA, L. V.
//IZVESTIYA AKADEMIYA NAUK SSSR, EARTH PHYSICS/
--/--/1973, V----,N0011
Paleomagnetism of the pleistocene effusive rocks
of the araguaia and terek ravines,
pp 62-69 AGU@@

PANKOV, V. L.
//IZVESTIYA AKADEMIYS NAUK SSSR, EARTH PHYSICS//
--/--/1973, V----. N0011,
Equation of state for the d-layer in the mantle
of the earth,
pp 70-71, AGU@@

PETROSYAN, A. L.
//IZVESTIYA AKADEMIYA NAUK SSSR, EARTH PHYSICS//
--/--/1973, V----, N0011,
Method of determining the structure of the
earth from surface waves recorded by a single
station,
pp 72-77, AGU@@

TERENT'YEV, V.A.
//IZVESTIYA AKADEMIYA NAUK SSSR EARTH PHYSICS//
--/--/1973, V----,N0011,
Small size pulsed ultrasonic seismoscope for
field work,
pp 78-81 AGU@@

ROKITYANSKIY, I.I.
//IZVESTIYA AKADEMIYA NAUK SSSR EARTH PHYSICS//
--/--/1973, V----, N0011
An electrical conductivity anomaly in the
southern verkhoyan synclinorium,
pp 82-85, AGU@@

PUDOVKIN, I. M.
//IZVESTIYA AKADEMIYA NAUK SSSR, EARTH PHYSICS//
--/--/1973, V---. N0011,
On geomagnetic studies in seismoactive regions,
pp 86-91 AGU@@

PETRUNIN. G. I.
//IZVESTIYA AKADEMIYA NAUK SSSR EARTH PHYSIC//
--/--/1973, V----, N----,
Measuring the thermal conductivity of rocks,
pp 92-95, AGU@@

Maslova, I. S.

Use of Labor Resources Under Intensified Economic
Growth.

17 pp

IZVESTIYA AKADEMII NAUK SSSR, SERIYA EKONOMICHESKAYA,
Moscow, No 3, 1974, pp 54-64.

JPRS 63210

Kapustin, Ye. I.

Improving Socialist Production Relations Through
Scientific-Technological Revolution.

23 pp

IZVESTIYA AKADEMII NAUK SSSR; SERIYA EKONOMICHESKAYA,

No 4, 1974, pp 5-24.

JPRS 62899

Lifanchikov, A. N.

Branch Production Functions Employed in Economic
Analysis.

12 pp

IZVESTIYA AKADEMII NAUK SSSR: SERIYA EKONOMICHESKAYA.
Moscow, No 4, 1974, pp 28-37.

JPRS 63053

Gal'perin, V. M.

Mathematical Methods and Theory of Value Reviewed.

16 pp

IZVESTIYA AKADEMII NAUK SSSR: SERIYA EKONOMICHESKAYA,

Moscow, No 4, 1974, pp 38-50.

JPRS 63053

Ivanov, G. G.

Economic Aspects of the Interrelationship Between
Science and Production.

16 pp

IZVESTIYA AKADEMII NAUK SSSR: SERIYA EKONOMICHESKAYA,

Moscow, No 4, 1974, pp 76-88.

JPRS 63053

Merkin, R. M.

Improving the Planning of the Structure of Capital
Spending.

16 pp

IZVESTIYA AKADEMII NAUK SSSR: SERIYA EKONOMICHESKAYA,

Moscow, No 4, 1974, pp 89-101.

JPRS 63053

Lis, A. G.

Problem of Defining Term, 'Economic-Territorial
Complex'.

10 pp

IZVESTIYA AKADEMII NAUK SSSR: SERIYA EKONOMICHESKAYA,
Moscow, No 4, 1974, pp 102-110.

JPRS 62917

Prokhorov, G. M.

Current Stage of CEMA Cooperation With Developing
Countries Discussed.

16 pp

IZVESTIYA AKADEMII NAUK SSSR; SERIYA EKONOMICHESKAYA.

Moscow, No 4, Jul-Aug 74, pp 111-123.

JPRS 62900

Strel'nikov, A. I.

New Textbook on Economics Reviewed.

4 pp

IZVESTIYA AKADEMII NAUK SSSR: SERIYA EKONOMICHESKAYA,

Moscow, No 4, 1974, pp 124-126.

JPRS 62917

Buzdalov, I. N.

New Book on Agro-Industrial Cooperation Studies
USA Example.

5 pp

IZVESTIYA AKADEMII NAUK SSSR: SERIYA EKONOMICHESKAYA,

Moscow, No 4, 1974, pp 126-129.

JPRS 62917

Semenov, A. I.

Annual Meeting of Department of Economics, Academy
of Sciences USSR.

16 pp

IZVESTIYA AKADEMII NAUK SSSR; SERIYA EKONOMICHESKAYA.
Moscow, No 4, 1974, pp 130-139.

JPRS 62917

PRESTELIA, E. E.

//IZVESTIYA AKADEMIIA NAUK SSSR, ENERGETIKA I TRANS-
PORT//

--/---/1975, V----, N----,

Steady State Wave Process in Transmission Lines
with Insulated Conductors in Bundled Phases,

pp 23-108, C. E. Trans. 645206

Semenov, V.

Estonian Economic-Statistical Social Production
Models Described.

15 pp

IZVESTIYA AKADEMII NAUK ESTONSKOY SSSR, Tallin, 23

Mar 74, pp 227-235.

JPRS 62913

Agency: Army/Redstone

P.O. #: 971-60100-00-7016; # 13

9244/1331

11 Feb. 1974

Title : Radiation and Energy Losses of a charged
Particle Traversing a Layered Medium.Author (s): ARAKELIAN, V.A., GARIBIAN, G.M., MALIAN,
E.A.Source: Izvestia A.N. Armianskoi SSR, Fizika, 4,
287-297 (1967)

Language: Russian

Special Instructions: Please translate.

Edited draft only.

TITLE: POLYA I PITERI ENERGI ZARYAZHENNOY
CHASITSY PRI PROLETE CHEREZ SLOISTUYU
SREDU.

Arakelyan, V. A.

Study of the Radiation Produced by a moving charge
in a Plate and in a stack of Plates by using known
and more Simple Fields

AKADEMIYA NAUK ARMJANSKOI SSR. IZVESTIYA. FIZIKA,

v. 4, 1969, p. 339-351

NTC 73-11631-20H

BNL-TR-512

Zagorodnikov, A. A.

Use of Artificial Earth Satellites For Measuring
Waves.

15 pp

IZVESTIYA AKADEMII NAUK SSSR, FIZIKA ATMOSFERY I
OKEANA, Moscow, Vol 10, No 7, 1974, pp 791-798.

JPRS 62980

18-May-73
Unclassified (BNL-tr--536) Determination of the absorption of
a medium within the framework of the theory of x-ray
transition radiation. GARIBYAN, G.M. Translated by
S.J. Amoretty (Brookhaven National Lab., Upton, N.Y.)
from Izv. Akad. Nauk Arm. SSR, Ser. Fiz.; 6: No. 1, 1
6(1971). 7p. Dep. NTIS \$3.00.

20 physics; translations
MN -34 P NSA

VARIOUS

//IZVESTIYA AKADEMII NAUK SSSR SERIYA
FIZICHESKAYA//

--/--/1974, V0038, N0003

The academy of sciences of the USSR physical
series

English ppl-199

Russian pp426-658

Translation full Allerton Press Inc

Avail Ly Serials##

Korkhmazyan, N. A.

*Emission of relativistic charged particles in
magnetic and electric undulators*

AKADEMIYA NAUK ARMJANSKOI SSR. IZVESTIYA, FIZIKA,
v. 6, n. 1, 1971, pp. 7-11 UCRL-Trans-10586

NTC 72-13071-20H

Russian

Izvestia Akademii Nauk SSSR
Geologicheskaya Seriya
No 2 1966, Moscow
pp 41-55

DIA LN 256-75

12 Feb 75

MARTIROSYAN, G. T.
//AKADEMIYA NAUK ARMJANSKOI SSR. IZVESTIYA.
KHIMICHESKIE NAUKI//
--/--/1963, V0016, N0001,
The Addition of Amines to Isoprene,
pp 31-35, NTC 74-10604-0703@

Losinsky, V.N.

Thermoelastic stresses in a circular plate with regularly spaced circular holes caused by a point source of heat.
IZV AN ARMYANSKOI SSSR, MEKHANIKA, Vol 24, No 1, 1971
pp 51-59.

NAL-TR-105

4-Sep-73
Uncl (ORNL-tr--2702) Creep properties of Kh18N10T
stainless steel under different temperature conditions.
SIMONYAN, A.M. Translated by Martha Gerrard (Oak Ridge
National Lab., TN) from Izv. Akad. Nauk Arm. SSR, Ser.
Mekh.; 25: No. 2, 75-82(1972). 10p. Dep. NTIS \$3.00.

11F metallurgy; translations
MN-25 P NSA

revision

Oganesyan, V. Kh.

*Some regularities of the electrical properties of
Chalcogenides of transitional metals.*

IZVESTIYA AKADEMIYA NAUK ARMYANSKOI SSR. SERIYA
TEKHNIЧЕСKIKH NAUK, Vol 19, No 1, 1966, pp 30-34

NTC 73-22073-07B

Volmir, A. S.

Nonlinear parametric vibrations of closed cylindrical shells.

IZVESTIYA AKADEMIYA NAUK ARMJANSKOI SSR. MEKhanika, Vol 26

No 2, 1973, 44-49

NTC 73-14469-20K

CIA-X-7308

*FTD-AC-23-1711-74

REQ TR CHECK

10-05-74

TQ31

HEAT TREATMENT OF CONCRETE IN AN ELECTRO -
MAGNETIC FIELD OF COMMERCIAL FREQUENCY
GORETSKIY; ROMANOVSKIY

V P; S G

UR: IZVESTIYA AKADEMII NAUK AZERBAYDZHANSKOY
SSR, 1966, nr 4 pp. 107-112

In Process as

FTD-MT-24-2614-74

Musayev, M. A.

*A new species of Coccidium of the genus Eimeria from
the domestic duck, Anas Domestica.*

IZVESTIYA AKADEMIYA NAUK AZERBAIDZHANSKOI SSR. SERIYA
BIOLOGICHESKIKH NAUK. No 3, 1966, pp 34-36

NTC 73-22072-06C

RUSSIAN *Complete [7 items]*CSO: 8344/2252
13 August 1974*A* *Special total 43 pp*
The effects of an Alternating Magnetic on
Skin Permeability, by A.I. Likhachev, et alBaku, Izvestiya Akademii Nauk Azerbaydzhan
SSR, Seriya Biologicheskikh, No 3, 1972,
pp 99-102Special type B
Do not publish
Single spaced draft plus one

Aliyarova, Z.A.

A Study of the Diffusion of Some Elements in
Selenium.

IZV. AKAD. NAUK AZERB. SSR, SER. FIZ. TEKHN.

I KHIM. NAUK, 1958, No.5, pp.7-13.

A.T.S AZ-4715

Efendiev, G.A.

Electron Diffraction Study of Phase Formation
in the System.

IZV. AKAD. NAUK AZERB. SSR, SER. FIZ.-MAT. I
TEKHN. NAUK, 1960, No.5, pp.91-8.

A.T.S RJ-4701

Iglitsyn, M.I. et al

Instrument for Contactless Determination of
the Life of Current Carriers in Semiconductors.

IZV. AKAD. NAUK AZERB. SSR, SER. FIZ. TEKHN.

I MAT. NAUK, 1964, No.2, pp.81-4.

A.T.S RJ-4716

Veliev, M. I.

The Effect of Sodium Impurities on the Electrical Conductivity of Selenium.

IZV. AKAD. NAUK AZERB. SSR, SER. FIZ. TEKHN.

I MAT. NAUK, 1965, No.1, pp.66-70.

A.T.S RJ-4717

Mekhtieva, S.I.

Effect of Addition of Cadmium on the Electrical Properties of Selenium.

IZV. AKAD. NAUK AZERB. SSR, SER. FIZ. TEKHN.

I MAT. NAUK, 1965, No.2, pp.83-6.

A.T.S RJ-4719